connections

NEW Products & Special Offers

A small selection from the 6000+ AV products on www.keene.co.uk

keene
Established in 1988
Trading online since 1996

USB FM Transmitter

An incredibly easy way to stream music from your computer to any FM radio. Simply plug into any spare USB port and it installs as another sound device. Use the supplied software to set the output to a free FM channel and you're ready to listen. Works with any FM radio (including the KLABKITD).

- Stream internet radio to any FM radio
- Works with any FM Radio

(Windows OS only at present)

Code USBFMT **£14.99**

Gigavideo 821 Wireless HDMI Sender

- Replace your HDMI cable wirelessly and locate your HDTV or projector wherever you want
- Mount the receiver (out of sight) behind your HDTV or on the ceiling next to your projector. No more visible cables
- Watch up to 2 (HD) devices such as Blu-ray® players, DVRs, HD set-top boxes, game consoles etc, and easily switch between the sources connected without changing plugs
- The built-in HDMI splitter means that you can continue to watch the connected devices locally
- Operate your A/V sources from anywhere, even through a wall or cupboard door, using the IR receiver
- The HD signal does not experience any delays and is therefore perfect for game consoles
- Digitally supports all 480p, 720p, 1080i and 1080p (Full HD) resolutions from up to 30 metres

New Low Price!
See Page 35

Code GV821 **£285.00**

Order Now

01332 830550
Monday to Friday 9.00am and 5.30pm

For more new products and bargains visit
www.keene.co.uk

Digital audio delay

Lip sync problems? If you use an AV amplifier for your sound then we have a solution - the Felston DD740 digital audio delay module. It allows easy adjustable audio delay allowing you to get everything back in perfect sync.

There are two inputs and you can switch and adjust from your armchair with the supplied remote.

- Dual digital audio inputs and outputs (optical and coax)
- Remote control
- 680ms maximum delay (340ms for 96kHz signals)
- Automatic input switching, with input's last delay restored
- Can convert optical-to-coax/coax-to-optical, for connecting 2 sources to an amplifier with a single input
- 12 user-programmable presets (6 per input)
- Adjustable display brightness
- Discrete IR commands for integration with learning remotes
- No effect on audio quality thanks to bit-perfect reproduction

Code DD740 **£189.99**

Digital audio convertors

We can now supply convertors that change optical audio signals into digital electrical ones, and vice versa. This means for example that you could connect a CD, MiniDisc or DVD player to an AV amplifier that has otherwise incompatible digital audio connections.

Code KAOC	optical to coaxial	**£19.99**
Code KACO	coaxial to optical	**£19.99**

USB FM Transmitter

A compact pen-drive style USB FM audio transmitter that makes it easy to play your computer music through any FM radio within range. Simply plug it into your computer USB socket and install the supplied software. Your computer will see the device as another sound card and the supplied software allows you to set the desired frequency. Very effective and very easy to use.

Frequency range: 87.5 - 108MHz Power: 50nW

Compatible with Windows 2000, Xp, Vista, 7 (not compatible with windows 7 64 bit!).

Code USBFMT **£14.99**

Coaxial/Toslink to L/R Stereo Audio Convertor

This neat audio converter will convert the selected switched signal, either coaxial (RCA) or optical (Toslink) and convert the digital signal to analogue audio with a left and right output.

Specifications:

- Input: 1 x Toslink (Fibre Optic) & 1 Coaxial (RCA)
- Outputs: 2 x RCA's (Left and Right)

Code AUD3192 **£49.24**

Portable Headphone monitor amplifiers

Essential for correct sound recording. Hear (mono audio) exactly what the camcorder microphone is picking up. Enables mono or stereo headphones to be used with camcorders that don't have a headphone socket.

Specifications:

- Power: internal PP3 style 9v battery
- Bridge mode for high output
- Headphone impedance: 30-700 Ohm
- Voltage at headphones (max): 9v
- Dimensions 134 x 73 x 34mm
- Weight 105g (exc battery)

Code HPAMP **£32.99**

Audio Ground Loop Isolator

A low level filter designed to isolate the ground between source and amplification to prevent noise or hum. Can be used for in-car applications to eliminate alternator and engine noise or any audio installation that suffers from ground loop (mains) hum. Simple in-line connections (phono plugs to phono sockets) make for easy installation and no external power is required. Gold plated connections.

Code AGLI **£6.99**

Audience 4x1 Optical Toslink Digital Audio Switch

AU-D41 4 to 1 Digital optical audio switcher with IR remote

The AU-D41 Optical Audio Switcher has a four optical inputs and one optical output. This device allows users with multiple optical sources connection for one output display. All signal are bypassed without delay. The device has last memory function and IR remote control

Features:

- 4 input digital optical audio switcher.
- Optical sampling rate supports up to 192 kHz.
- Up to 24bit resolutions.
- Low power consumption.
- PCM2, AC3/5.1, Dolby 5.1 & DTS 5.1 pass through.
- Amplifies Optical (Toslink) output, extending another 5 metres.
- Supplied with IR remote control.

Code AUD41 **£51.46**

Boundary microphone ATR97

This is a low profile compact omni-directional boundary microphone from Audio Technica designed for tabletop use. Ideal for conferences, meetings and placing on the head table at weddings.

Specifications:

- Size: 58mm Diameter x 15mm high
- Frequency response 50-15000Hz; Impedance 1000 ohms
- Cable length 1.5m to 3.5mm mono jack plus 6.25mm
- Power 1 x LR44 battery (included)
- Best suited to camcorders with mini-jack mic sockets

Code ATBM **£27.99**

Rode VideoMic Pro compact Shotgun Microphone

The RØDE VideoMic Pro raises the bar set by the original RØDE VideoMic, by combining broadcast quality audio with an ultra compact and lightweight ergonomic design.

Incorporating new features specific to high end video, the VMP also evolves many of the features that have made the VideoMic so successful. Noise transference has been significantly reduced using both a revised, more elegant shock mounting system and a lightweight premium cable.

- Broadcast recording quality condenser microphone
- Compact design (only 150mm/6" length)
- Ultra lightweight (only 85g/3oz)
- 9V battery powered, with up to 70 hours battery life (alkaline)
- Integrated shock mounting
- Integrated foam windshield
- 3.5mm stereo mini-jack output (dual mono)
- Two step High Pass Filter (flat, 80Hz)
- Three position level control (-10dB, 0, +20dB)
- Camera shoe mount with 3/8" thread for easy boompole mounting

Code RVMPRO		**£149.00**
Code DEADCATVMP	furry windshield	**£29.00**
Code RVMPROKIT	mic plus furry windshield	**£169.00**

Tie clip windgag

A furry windjammer designed for lavalier (tie-clip) mics to be worn on the outside of the body. Supplied with removable foam inserts that can be combined with the supplied foam windgag to ensure a good fit.

Code WGTC **£15.73**

Harmony Headphone Amplifier

The Harmony Headphone Amplifier takes line level input and provides stereo headphone amplification. It can be controlled via IR remote or front panel push buttons. It can be used for any purpose where line stereo level audio is required to be amplified to headphone level. It is particularly suited to TV viewing applications, where one person listening via headphones can set their own personal volume without affecting the normal audio output for anyone viewing normally.

Specifications:

- Audio Input: 2 x RCA phono
- Audio output: 1 x 3.5mm stereo jack socket
- Power: 12V DC 200mA (UK mains adaptor supplied)
- Dimensions: 90 x 76 x 44mm
- Weight: 170g (exc. cables & supply)

BULK PRICING (50+) and OEM AVAILABLE on this product

Code HHAMP **£54.99**

Email your order to us at **sales@keene.co.uk**

Rode RNGT1/2

The RODE RNTG1 and RNGT2 are lightweight condenser shotgun microphones, designed for professional applications within the film, video, television and production industries.

The 48V phantom powered RNTG1 (phantom operating power only, RNTG2 has additional battery power option) and RNTG2 provides a balanced low impedance output stage. Wide bandwidth and controlled polar response coupled with low noise SMT electronics, make the RNTG1 the perfect choice for film, video engineering and voice-over work. Its light weight making it ideal for mounting directly to video cameras or on boom poles.

The RNTG1 & 2 come complete with mount and windshield. The windscreen effectively suppresses wind noise when recording outdoors in moderate conditions.

Specifications:

- Output impedance: 250ohm (phantom NTG1) 350ohm battery (NTG2)
- SN ratio: 76 dB (1kHz)
- Maximum SPL: 131dB (@ 1% THD in 1KOhm)
- Dynamic range: 113 dB
- Power (Supply voltage): 1.5 V AA (RNTG2) or Phantom (RNTG1/2)
- Current consumption: 2.0 mA

Rode RNTG1 (phantom power only)
Code RNTG1 **£149.00**

Rode RNTG2 (phantom or battery)
Code RNTG2 **£159.00**

Optional "Dead Cat" furry windjammer is available for this mic
Code DEADCAT **£29.00**

Rode RNGT2 Kits

Money saving kits:

RNTG2 plus RBP Boompole, RSM3 suspension shockmount & Deadcat Windgag
Code RNTG2BK **£285.00**

RNTG2 plus an RSM3 supsension shockmount & Deadcat Windgag
Code RNTG2CK **£215.00**

Rode Boom Poles

Designed to be used with directional microphones held just out of shot, a boom pole allows a subject freedom of movement and means you don't need to worry about visible cables or microphones (as long as you have a good boom operator that is!) These boom poles from Rode are precision machined from high grade aluminium and are lightweight yet easy to adjust to the desired length with a secure twist locking action.

The poles have velco straps to externally secure a mic cable, or the end caps can be removed and an XLR cable threaded internally through the tube.

They have std 3/8 threads for attaching the mic or shockmount. Two models are available:

Standard Boom Pole length (retracted) 0.84m (extended) 3.0m
Code RBP **£79.00**

Mini Boom Pole length (retracted) 0.82m (extended) 2.0m
Code RMBP **£69.00**

Padded Case, will fit either model complete with mic attached!
Code RBPBAG **£29.00**

Micro Boom Pole lightweight 2.0m (extended)
Code MICROBP **£39.99**

Architectural Speakers for use in Walls or Ceilings

- Pivotal tweeters allow high frequencies to be focussed
- Removable mesh grills
- Frame allows for ceiling or wall board mount without extra brackets
- 8 ohms

CMS5U

- Frequency response: 80Hz - 20kHz
- Power: 25W RMS
- Overall Diameter: 203mm
- Panel cut out: 165mm
- Sound pressure level: 89dB

CMS8U

- Frequency response: 60Hz - 20kHz
- Power: 30W RMS
- Overall diameter 273mm
- Panel cut-out 238mm
- Sound pressure level: 90dB

Code CMS5U **£69.99**
Code CMS8U **£89.99**

PACKAGE DEAL

Amplifier and Speakers Special Offer

KLAB20D plus a pair of CMS5U
Code KLAB20DC5 **£189.99**

KLAB20D plus a pair of CMS8U
Code KLAB20DC8 **£229.99**

KLAB20D

- 20W RMS per channel stereo amplifier
- Class D digital circuitry
- Flush mount or surface mount
- MP3 front input jack socket
- Built in FM radio
- Rear line inputs
- Push button or IR remote control

Code KLABKITD amplifier, remote & power supply **£149.99**

NEW! KLAB20DB BLUETOOTH

- 20W RMS per channel stereo amplifier
- Class D digital circuitry
- Flush mount or surface mount
- Bluetooth - stream audio direct from your phone or tablet
- MP3 front input jack socket
- Built in FM radio
- Rear line inputs
- Push button or IR remote control

Code KLABKITDB amplifier, remote & power supply **£tba**

Sound Level Meter Digital Display

Great value for money, this gives you the accuracy you need to fine tune your system.

- Built in microphone
- Seven selectable frequency ranges
- Phono output (for connection to external equipment).
- FAST & SLOW response settings
- Weighting selector 'A' for Human ear bias or 'C' for full frequency range
- Peak level hold
- Easy to read 21-bar graphical display
- Size (approx): 159 x 64 x 48mm
- Power: PP3 type 9v battery (not supplied)

Code SLM2055 **£39.99**

Volume Remote Control

Ever wished your amplifier had remote control for the volume?
Now you can easily add IR remote control to most amplifiers with this simple device. It has two phono sockets for line in and two for line out. Simply connect it in line, position the IR receiver wherever you find convenient and have easy volume adjustment. Leds for power and confirmation of 'up' and 'down' commands.

It can be used in a number of ways:

- Inline in between pre/power amp combinations
- Within tape line out/line in loop (if vacant) with the amp set to 'tape monitor'
- In between say CD player line out and amp line in (to control that device volume only)

Code VRC **£59.99**

BoomBoom 75 Bluetooth Audio Adaptor

A fantastic gadget, simply pair it with any Bluetooth audio source, plug the output into any device with an auxiliary input and listen to internet radio or the music stored on your smartphone or tablet PC on your audio system (wirelessly). Suitable for all Bluetooth® enabled sound sources such as iPhone, Android phone, iPad, etc. Works with all audio installations, iPhone dock or radio/CD player with aux-in, line-in or mp3-link connection. Supports A2DP Stereo Bluetooth for music in CD quality. It also works great with the Keene KLABKITD (page 9).

Set Includes:

- 1 x BoomBoom75
- 1 x Mini USB cable
- 1 x 3.5mm jack socket to two phono plug cable
- 1 x USB power supply
- 1 x User manual

Specifications:

- Support multiple pair: Up to 8 devices
- Range: Up to 10 metres free field
- Light indicator: Two colour LED (red / blue)
- Interface saudio output: 3.5mm male jack
- Power: Mini USB or battery
- Battery: Li-ion: 140mAh, Stand-by time up to 140 hours, Working time up to 6 hours
- Energy Saving: Automatic switch-off if no connection within ten minutes
- Weight: 10 grams
- Dimentions (L x W x H): 60mm x 25mm x 9mm

Code BB75 **£27.86**

Full Range Dual Cone Bookshelf Speakers

High quality 4" dual cone, full range mini box speaker. This 80 W Speaker has a Heavy Duty ABS Construction and Quick Connect Speaker Terminals.

Specifications:

- Colour Black
- Dimensions (mm) 120x120x132
- Impedance (Ohms) 8
- Sensitivity (dB) 90
- Peak Music Power (W) 80
- Power RMS (W) 40
- Frequency Response (Hz) 80-20000
- Type Dual Core (Supplied as a pair)

Code B406A black **£18.99**

Also available in White, order code **B405A**

BT12 Speaker Selector Switch

White 6.5" 2-Way In-Wall Speakers (8 Ohms 120 W) High quality 6.5" 2-Way In-Wall speaker with directable 1" Titanium Dome Tweeter, supplied in pairs.

Features:

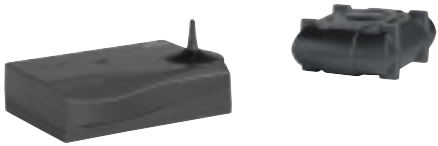
- Designed to allow the use of two pairs of speakers with one amplifier
- Speaker selector switch to play either pair of speakers or both at the same time
- Suitable for loudspeakers from 4ohms to 16ohms
- Screw terminals for strong connection and minimal loss
- Strong, stylish metal casing
- Accepts loudspeaker cable up to 2.5mm diameter
- 150 watts RMS per channel rating
- Easy to use speaker switch

Code BT12 **£12.99**

Surround Anywhere 20 Wireless Support Kit

Connect your present home cinema rear speakers wirelessly; no more loose cables in your living room. Uncompressed digital transfer ensures sound that goes beyond CD quality, without interference or delay. The built-in amplifier in the receiver provides more than enough power for your rear surround speakers. Automatic ON/OFF function of both transmitter and receiver for trouble-free use. The volume is adjusted with your own remote, because the transmitter is directly connected to the speaker output. Local volume on transmitter and receiver for the correct balance between front- and rear speakers.

Code SA220 (Black finish) **£98.96**



8-Way Loudspeaker Selector

This switcher unit allows the distribution of a stereo amplifier. Simply connect the speaker output of an amplifier to the box, this output can then be distributed to up to eight different stereo speaker sets in eight different locations, each speaker set can be individually activated via the push buttons on the front of the box. Ideally suited for buildings where an independent sound control is required for different rooms or zones. Enables eight pairs of speakers to be connected to a single stereo amplifier.

- Designed for 4-16 ohms speakers
- Wiring Gauge 14 to 22 gauge
- Input 1 x stereo
- Output 8 x stereo
- Power per channel 100W max
- Dimensions 432 x 125 x 55mm
- Weight 2.08kg

Specifications:

- Heavy duty push-buttons
- Built-in overload protection
- Spring clip terminals

Code 8WLS **£29.99**

Wireless Speakers

- Enjoy your complete music collection anywhere in and around your home (bath room, kitchen, shed, etc.) wirelessly
- Garden party, BBQ or a romantic evening with just the two of you on the balcony? Create the perfect atmosphere with matching music
- Optimal music perception through high quality, omni directional two-way audio technology. The sound is spread 360°
- The speakers are splash-proof and fine for use in the bathroom
- Because of the wireless technology you can place the speakers wherever you want. Because of the optional battery power you don't even need a socket
- Use your iPod, radio or anything with a headphone socket as the source
- Easy to install and to use; automatic frequency tuning and maintenance because of Auto Tuning and PLL function

Code SA352U **£75.94**

HQ Wall mounted loudspeaker volume control

Suitable for UK standard electrical double pattresses (47mm deep). White facia with chrome colour knob. High efficiency (transformer) design with max power handling of 60W rms. Will accept cable up to 2.5mm dia. Connect in-line between amplifier and speaker.

GREAT VALUE

Code BT936 **£24.99**

Keene KDA 1:4 AV Distribution Amplifier

The Keene KDA distribution amplifier has one set of inputs for composite video, s-video and stereo audio and four identical sets of outputs, each output being indistinguishable from the input.

Uniquely, the Keene Distribution Amp also has a switchable line drive feature, giving the ability to send audio and/or video over much longer cable runs than normally possible (up to 100m dependant on cable). The KDA may be 'daisy-chained', that is to say the output of one KDA may be fed into the input of another. Used in such a configuration, five KDA's may be used to provide up to 16 AV outlets from one AV input.

This product is ideal for:

Sending an AV signal to multiple displays
Sending an AV signal down a long cable run (up to 100m with the right cable)
Making up to four simultaneous recordings from one source
Sending line level audio to amplifiers in other rooms

Specifications:

- Power: 12-18v DC @ 300mA or greater (mains adaptor included)
- Video bandwidth: 50MHz distortion: <50db up to 10Mhz
- Back terminated series 75ohm outputs for reflection free performance
- DC coupled on Composite video and Luminance outputs
- AC coupled on Chrominance output
- Slew rate up to 1000v/uS
- Audio distortion: <0.1% bandwidth: 20–30kHz
- Audio output impedance: 1K ohms each output
- Audio input impedance: >10K ohms
- Dimensions 144 x 111 x 64mm
- Weight 680g (exc supply & cables)

Code KDA **£89.99**

AU-11CA HDMI Audio Embedder with built in Repeater

The AU-11CA Audio Embedder lets you insert an external audio signal into any HDMI source. The device allows you to insert analogue or digital stereo and multi-channel digital surround sound signals \ (via Optical) to give users the capability to overcome audio issues within complex HDMI installation. The AU-11CA also repeats the HDMI signal to allow an extended total HDMI cable range.

Features:

- Compliant with HDMI v1.3 , HDCP 1.2 and DVI 1.0
- Supports Optical Sample Rate up to 96 kHz
- Supports LPCM Stereo, DTS and Dolby Digital via Optical input
- Supports up to 24bit resolution digital audio
- HDMI cable distance testing showed that with 1080p 8bit/12bit resolution, the input/output distance is up to 10 meters
- Low power consumption
- Supports HDMI Sample Rates up to 192kHz

Code AU11CA **£102.44**

AU-11SA Audience HDMI Audio De-Embedder Repeater

The AU-11SA is an advanced solution for HDMI to HDMI repeating with Audio de-embedding. Its compatible with v1.3 HDMI specifications, a cutting edge technology which defines the transfer of deep colour (12 bit) video with a high bandwidth of up to 225Mhz. Connect to source and display (HDMI), select the required audio format & output your audio format to your amplifier.

Features:

- Compliant with V1.3 HDMI, HDCP 1.1 and DVI1.1
- Decodes HDMI audio to analogue and digital
- Corrects digital error and automatically provides equalisation up to 40dB
- Supports high definition input up to 1080p – output resolution follows input
- Supports HDMI signal amplification and equalisation output for repeater function – can be used to extend up to 35m
- Supports uncompressed digital LPCM 7.1 / 5.1 or 2 channels & compressed digital Bitstream through HDMI Input and output ports
- Supports LPCM 7.1 / 5.1 or 2 channels output through multi-channel output ports
- Supports digital Dolby 5.1/ 2 and LPCM 2 channel output through Optical Toslink

Code AU11SA **£108.43**

Analogue Stereo Lip Sync Corrector

This analogue stereo Lip Sync Corrector is a small device for delaying audio signal to overcome audio sync issues. The AU-D18 Lip Sync corrector is able to adjust the timing to the display/amplifier so that users may received both video and audio in sync. No more annoying sound mismatch. The Lip SyncCorrector is easy to use with a simple setup and an affordable unit for sound delaying.

Features:

- Lip Sync corrector with adjustable delay between 0 & 300ms
- Sample Rates 48 kHz
- Analogue to analogue signal bypass
- Low power consumption

Specifications:

- Inputs 2 x Analogue Audio (L/R stereo)
- Outputs 2 x Analogue Audio (L/R stereo)
- Power 5V/1A DC
- Dimensions 45(D) x 45(W) x 25(H)mm.

Code AUD18 **£53.00**

Rode Lavalier Microphone

Whether you're presenting for television or live on-stage, in a 20,000 seat auditorium or in a house of worship, The RODE Lavalier microphone has your needs covered. Featuring the pure, clear audio and low handling noise that RØDE is celebrated for, the LAVALIER is built to deliver and to last. The included water resistant pop filter and mini-furry for high wind protection ensure quality recordings in adverse environments, while the anti-trauma water resistant case provides rugged and secure protection for the microphone, cable and accessories.

Features:

- Ultra discreet appearance
- Incorporated cable management system
- Ø4.5 mm (Ø0.177") miniature microphone
- Corrosion resistant stainless steel
- Low handling noise

- RØDE MiCon connector system provides seamless integration with a wide range of wireless systems while maintaining discreet and unobtrusive appearance*
- Gold plated connections

*micon connectors sold separately, see www.keene.co.uk for details.

Code LAVALIER **£169.00**

2x4 Speaker Matrix Switch with Volume Control

This matrix switcher for stereo amplifiers has 2 inputs and 4 outputs. Any of the inputs may be routed to any of the outputs, or the same input may be routed to all outputs or any combination. Simply connect the output of the amplifiers to the inputs, these inputs can then be routed to four different stereo speaker sets in four different locations, each speaker set can be individually activated via the push buttons on the front of the box and individual volume controls.

Enables four pairs of speakers to be connected to two separate amplifiers.

Features:

- Heavy-duty push-buttons
- Built-in overload protection
- Designed for 4-16 ohm speakers
- Black aluminium housing
- Individual volume controls with black aluminium finish
- Accepts up to 14 gauge speaker cable
- Individual A/B switch per zone
- Wiring Gauge14 to 22 gauge

Specifications:

- Inputs: 2 x stereo
- Outputs: 4 x stereo @ 4 to 16 ohms
- Power per channel: 100W max
- Dimensions: 432 x 133 x 64mm
- Weight: 3.67kg

Code 24LMS **£91.00**

NEARFA Wireless Speaker System

This device magically amplifies the sound from your smart phone using patent pending NearFA™ (Near Field Audio) technology. Unlike Bluetooth or Wifi, the TouchPLAY™ does not require any configuration or installation and takes advantage of the phone's hidden inductive coupling mechanism to transmit audio signals. It delivers a big sound for a small device and is great for the bedroom/bathroom/kitchen/study etc.

Features:

- Works with almost any mobile phone.
- 2.5W x 2RMS Output.
- Automatic ON/OFF.
- Includes audio in (3.5mm Jack) and DC in (micro USB).
- Up to 15 hours playback time.
- Powered by 3x AA batteries
- Supplied with two silicon bumper covers (one red and one grey)

Code NEARFA **£26.00**

Keene KPDA 1:5 Component Video & Audio Distribution Amplifier

- One input, five fully buffered outputs
- Wide bandwidth HDTV capable
- Broadcast quality high speed video buffers
- Use for component video, RGBs video, RGsB video or four x composite video plus stereo audio
- One video channel may be used for digital audio

The KPDA is a high quality audio/video distribution amplifier, allowing one video and audio source to simultaneously supply up to five other devices. It uses very high quality high bandwidth ICs to ensure that each output is not discernible from the input, making it ideally suited to driving multiple displays or making multiple copies from one source. There are two stereo audio channels and four video channels, making it suitable for use with component video, RGBs video, RGsB video or 4 x composite video plus audio. Any of the video channels can also be used for digital audio if desired.

BULK PRICING (50+) and OEM AVAILABLE on this product

Specifications:

- Power requirements: by external supply to DC input socket, (2.1mm centre positive) 12-18v DC @ 300mA or greater
- Video: 5 buffered video outputs bandwidth 75MHz (up to 1080p)
- Level - composite / luminance 1v pp, chrominance 0.3v peak to peak
- Distortion components <–50db up to 10MHz
- Open circuit voltage gain is X2 (unity gain when correctly terminated)
- Back terminated series 75 Ohm outputs for reflection free performance
- DC coupled on all outputs
- Slew rate up to 500v/uS
- Audio: 5 buffered audio outputs
- Distortion <0.1%
- Bandwidth 20Hz – 30kHz
- Output impedance, <1k ohm each output
- Input impedance >10K ohm
- Unity gain
- Dimensions: 220mm x 104mm x 43mm
- Weight: 780g (excluding power supply)

Code KPDA **£89.99**

Note: The KPDA is an amplifier only. It will not convert from one video standard to another.

Keene SDA 1:5 Scart Distribution Amplifier

One input to five outputs, fully buffered using broadcast grade video amplification ICs. Pin 8 is routed through (if the input goes high all the outputs go high) and every pin connection is carried through making it suitable for composite, S-video, component or RGB. Supplied in a robust metal case this is ideal for displaying one signal on multiple TVs or for making up to five simultaneous copies from one source. Mains adaptor included.

Specifications:

- Power: 12-18v DC @ 300mA
- Video: 5 buffered video outputs
- Video bandwidth: 50MHz
- Video level: Composite / Luminance 1v pp, Chrominance 0.3v peak to peak.
- Video distortion: < -50db up to 10Mhz
- Back terminated series 75R outputs for reflection free performance
- DC coupled on all outputs
- Slew rate up to 500v/uS
- Audio: 5 buffered audio outputs
- Audio distortion: <0.1% Bandwidth 20Hz - 30KHz
- Audio output impedance: <1K ohms each output
- Audio input impedance: >10K ohms Unity gain
- Dimensions 219 x 115 x 37mm
- Weight 725g (exc supply & cables)

Code SDA	UK model with UK 3-pin mains plug order	**£99.99**
Code SDAE	Euro model with round 2-pin mains plug order	**£99.99**

BULK PRICING (50+) and OEM AVAILABLE on this product

VGA & Audio Cat 5 Extender System

Enables you to transmit VGA signals up to 150M (500ft.) away with resolution up to 1024 x 768. It features common mode noise suppression circuit for superb VGA quality via inexpensive unshielded twisted pair CAT5 cables. The Local unit duplicates the input signal for local use and transmits the VGA signal to a Remote unit. The Remote unit broadcasts the signal to two VGA outputs. The units also distributes audio (mono at remote location) Ideal for public broadcasting, exhibits, retail stores, courtrooms, stock tickers, bus station and many more applications.

In summary, the local unit has one input and two outputs, and the remote unit has a further two outputs. Audio is duplicated in stereo locally and in mono on the remote unit.

Specifications:

- Cable between units: CAT5, CAT5e and CAT6
- Max. distance: 50 metres
- VGA input port: HDB15 (female) x 1
- Audio input port Stereo jack (female) x 1
- VGA output port HDB15 (female) x 2
- Audio output ports: Stereo jack (female) for local unit, x 2 Mono jack (female) for remote unit
- Equalizer selector : 4-position slide switch
- Status indicators: Power (green) x 1, Active (yellow) x 1
- Operating voltage: 9V DC, 600mA UK adaptors supplied

Code EVA214 **£89.99**

Component Video Switchbox 4:1

The AVT-5841 Component Video Router is a 4-Input by 1-Output switcher that can be used for either YPbPr Progressive Scan Video or YCbCr Component Video, plus Stereo Audio. Selection can be made by the front panel push buttons or by the IR Remote Control. Up to four devices with Component Video outputs, such as DVD Players, Video Game Consoles, HDTV Receivers or HD Cable Boxes, can be connected to a TV Sets, HDTV Display or other devices with Component Video inputs, without moving cables around. The high signal bandwidth insures no loss of video or audio quality.

Features and Specs:

- 4 Component Video Inputs via RCA connectors
- 4 Stereo Audio Inputs via RCA connectors
- 4 Digital Audio Inputs via RCA Connectors
- 1 Component Video Outputs via RCA connectors
- 1 Stereo Audio Output via RCA connectors
- 1 Digital Audio Output via RCA Connector
- Works with Progressive Scan YPbPr 480p, 576p, 720p or 1080i Component Video
- IR Remote or Manual Control
- Video Bandwidth: 300MHz
- Size: 1.8" High x 9.3" Wide x 6.4" Deep (46mm x 236mm x 163mm)
- Weight: 920g
- Power: 9VDC 200mA UK adaptor included

Code AVT5841 **£42.00**

Cat5Blaster QC Active

Provides quick and easy 1:1 distribution via CAT5 cable of s-video or composite video plus stereo audio. The C5QCA will accept and distribute s-video plus L & R audio at distances of up to 100m. This active model also provides Infra Red feedback from the receiver to the transmitter providing an easy means of controlling the source from the remote location.

BULK PRICING (50+) and OEM AVAILABLE on this product

Box contents:

- 1 x C5QCA transmitter
- 1 x power supply (note the receiver does not need a supply)
- 1 x Infra Red receiver (IRSR)
- 1 x Infra Red emitter (IRUW)

GREAT VALUE

Code C5QCA		**£99.99**
Code C5QCAE	euro style power supply	**£99.99**

Keene RGB2C RGB/Component video transcoder

Another in-house product from Keene Electronics, the RGB2C can convert an RGB input to a component (Y Pb Pr) output, and vice versa. It can cater for sync on green or composite sync input and also provide sync on green or composite sync output. LED indicators provide useful information on the type of signals present and which process is being performed. Designed to be installed in-line with the signal path, has SCART input and output connectors to make connection simple. Supplied complete with UK mains adaptor and KA150 scart to 3 phono adaptor.

Code RGB2C **£79.99**

BULK PRICING (50+) available

Composite / s-video to Component or RGB

A handy compact unit that will convert either Composite or S-Video to RGsB or YUV via 3 phono socket connectors. It automatically recognises any world standard input: NTSC 3.58/4.43, PAL, PAL M, PAL N & Secam. The Output format is selectable between RGB and YCbCr.

Specifications:

- Input: 1 x CV + 1 X SV
- Output: 3 phono - RGsB or YUV
- Power Supply: 5V DC 350mA (adaptor supplied)
- Dimensions: 145 x 90 x 32 mm

Code CPVSRGB **£73.81**

HDMI in to Component (or RGBHV) & Audio out

This unit will take in HDMI and give out either Component video (Y, Pb, Pr) or RGBHV (PC signal), plus spdif or analogue stereo audio. It enables you to connect your new HDMI sources to older analogue displays. A manual selector switch allows you to choose between either of the two HDMI inputs.

Specifications:

- Video Input: HDMI connector
- Compliant with HDMI 1.3 and HDCP 1.2
- Output: Analogue HD-15 (RGBHV / YPbPr)
- Operation frequency: up to 165MHz
- Resolution: RGBHV up to UXGA@60Hz, Component up to 1080i (note this unit will not scale the signal, the output resolution is determined by the resolution of the input signal – please check your display is compatible with the resolution produced)

Code HDUHC **£129.99**

Eye Routing Commander

Achieve independent control of multiple SKY Receivers within the same cabinet!

The KERC is a sophisticated IR Control Distribution device, designed primarily for use with UK SKY® satellite decoders. It is particularly suited to installations of multiple SKY® receivers as it is able to overcome the problem of receivers of the same type all responding to the same IR code. The KERC is able to decode the different modes of SKY® IR control signals and route them to specific receiver outputs as required.

It achieves this by making use of a facility already built-in to the remote control. The supplied remote control for each SKY® receiver can be set to one of three different receiver types (standard, SKY+® & SKYHD®) and also to one of four different modes, (0,1,2 & 3) giving a total of 12 possible types of IR code. The KERC is able to distinguish between these different types and route the IR signal accordingly.

Code KERC **£99.00**

Keene IR Distribution Amplifier

Put your remote back in control and route IR commands to wherever they are needed – even round corners and inside cabinets. Multiple input/output options (see diagram and components list below for more details) can provide a solution to almost any IR control problem.

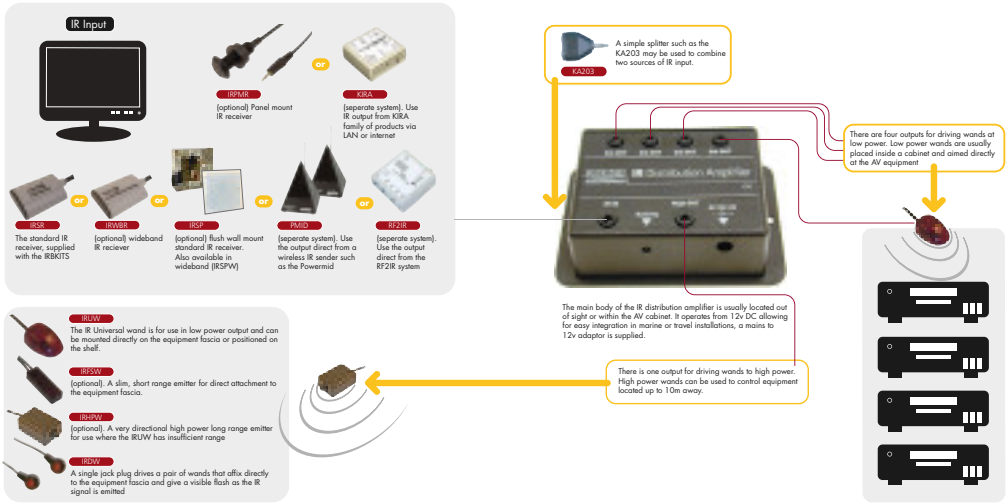
BULK PRICING (50+) and OEM AVAILABLE on this product

Basic Kit

This kit, comprising the Keene IR Distribution Amplifier, 240V UK mains power adaptor, 2 x universal emitter wands (see output component [IRUW] below), and instruction leaflet. Requires input device such as IRSR (not included).

Code IRBKIT	excludes an IR receiver	**£39.99**
Code IRBKITS	includes std IR receiver IRSR	**£48.00**
Code IRBKITF	includes Fascia IR receiver IRFMR	**£49.00**

Keene IR Distribution Amplifier Schematic


IR Input
IRPMR
(optional) Panel mount IR receiver
KIRA
(separate system). Use IR output from KIRA family of products via LAN or internet
IRSR
The standard IR receiver, supplied with the IRBKITS
IRWBR
(optional) wideband IR reciever
IRSP
(optional) flush wall mount standard IR receiver. Also available in wideband (IRSPW)
PMID
(separate system). Use the output direct from a wireless IR sender such as the Powermid
RF2IR
(separate system). Use the output direct from the RF2IR system
A simple splitter such as the KA203 may be used to combine two sources of IR input.
KA203
There are four outputs for driving wands at low power. Low power wands are usually placed inside a cabinet and aimed directly at the AV equipment
The main body of the IR distribution amplifier is usually located out of sight or within the AV cabinet. It operates from 12v DC allowing for easy integration in marine or travel installations, a mains to 12v adaptor is supplied.
There is one output for driving wands to high power. High power wands can be used to control equipment located up to 10m away.
IRUW
The IR Universal wand is for use in low power output and can be mounted directly on the equipment fascia or positioned on the shelf.
IRFSW
(optional). A slim, short range emitter for direct attachment to the equipment fascia.
IRHPW
(optional). A very directional high power long range emitter for use where the IRUW has insufficient range
IRDW
A single jack plug drives a pair of wands that affix directly to the equipment fascia and give a visible flash as the IR signal is emitted

Input Components

Standard IR Receiver 40kHz – suitable for most domestic equipment.

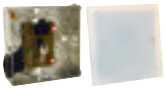
Code IRSR **£12.99**

Wide Band IR Receiver Up to 100kHz – for more esoteric equipment.

Code IRWBR **£18.99**

Powermid IR lead to feed a Powermid RF receiver output directly to the IR Distribution Amp input (3.5mm stereo jack plug to 3.5mm stereo jack plug 1.2m long).

Code KLDE6M **£5.99**



IRSR built into a smart flush wall plate (For full details see previous page).

Code IRSP **£24.99**

An Infra Red panel mount receiver designed to be used with the Keene IRBKIT and IR Commander IR distribution amplifiers. This receiver can be fitted into the cabinet casing or studded wall.

- Requires a 16mm diameter hole
- Overall thread length 44mm
- Maximum material thickness 38mm
- Visible bezel diameter 30mm
- Connection is via a 1m cable to 3.5mm jack plug

Code IRPMR black **£29.99**
Code IRPMRW white **£29.99**

This IR receiver is designed to be affixed directly to the fascia on your display. Super fast electronics and a semi-wideband capability make it really effective to use whilst it's compact size makes it very unobtrusive. The LED provides visual confirmation that the signal has been received. Typical IR receivers require a minimum of 10 cycles before they can "lock" onto the signal. This receiver will work with just 3 or 4 cycles. This fast circuitry enables it to work with set top boxes that use very short bursts of IR code (known as RCMM code), as used for example by some BT Vision set top boxes.

Code IRFMR **£14.99**

Democontrol Lite App now FREE on itunes (search Democontrol Lite)

IR Universal Wand. The Universal wand is designed for use in low power outputs and can be equipment fascia or shelf mounted.

Code IRUW **£5.99**

IR Dual output Wands
The single jack plug drives two IR emitter wands. The emitters are extremely tiny (just 9mm across) and are supplied with double sided adhesive pads to affix directly to the equipment fascia. The emitters actually flash red as the IR signal is emitted giving visual confirmation that the IR signal was received and transmitted correctly.

Code IRDW **£9.99**

Low Power Wand. Can be attached directly to the equipment facia or will work up to 4 metres away. Even when attached directly the equipment will still respond to external IR signals. Only to be used in the IR Distribution Amp low power output sockets.

Code IRLPW **£5.99**

High Power Wand. Will operate equipment from up to 10 meters away. Can also be used in the IR Distribution Amp low power output sockets if required, but will then only perform as a low power emitter. Not suitable for one-to-one operation.

Code IRHPW **£7.99**

Side Firing Wand. A short range emitter for direct attachment to the equipment fascia.

Code IRSFW **£7.99**

Extension

Extension leads, 3.5mm stereo jack plug to 3.5mm stereo socket to be used on input or output as required. We've tested the input up to 10m and the output to 20m.

Code KLD40 3M **£4.49**
Code KLD405 5M **£4.99**
Code KLD4010 10M **£8.99**

KIRA RS232

A new addition to the IR Anywhere family, the KIRA RS232 is similar to the KIRA128 except that the jack socket for an external IR receiver has been replaced with an RS232 port. It still has an on-board IR receiver should you need it. In addition to the ability to send stored IR codes when triggered by IP commands it will also send stored IR codes when triggered by Keene defined ASCII commands via RS232.

The KIRARS232 can function as:

- IR to TCP/IP bridge
- RS232 to TCP/IP bridge
- TCP/IP to RS232 (for the CTX35 X10 bridge)
- RS232 to IR (stored codes)
- RS232 disabled (function as KIRA128)
- Supports baud 2400, 9600, 19200, 57600, 115200

Code KIRARS232 **£84.99**

CTX35 RS232 to X10 Bridge

The Marmitek CTX35 communication transceiver can receive and transmit standard X10 control signals via the RS232 port. Transmit commands and received data are in ASCII format and it is directly compatible with the KIRARS232 giving you the ability to TCP/IP control your X10 products from anywhere in the world.

Code CTX35 **£199.99**

IR Commander Matrix

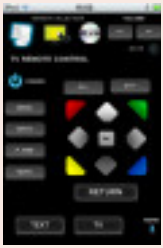
The most advanced and the most capable IR distribution system we've ever produced!

- Full Matrix Signal Routing - Each IR input can be routed to any combination of IR outputs. This means for example an equipment cabinet could house say three identical Sky receivers, and each one can be controlled independently from different rooms
- Four IR output channels - each IR output channel can drive IR emitter wands or slave IR distribution amplifiers
- Six local IR input channels - Four IR receivers, one on-board IR receiver and one wand input for taking the output directly from another IR distribution system or video sender
- IP addressable - Will accept IR over IP inputs from Keene IR Anywhere modules or from PC's or handheld devices, up to 253 different IP addresses
- Internal IR command store - Can store up to 64 IR codes in local memory, these can then be triggered by IP command from local network or internet
- Network inputs can be routed based on IP address - Maximum flexibility for LAN devices
- Built in wideband IR receiver - May be disabled if required
- Local inputs are "one way IRDA" compatible - Will route signals to control all popular set top boxes
- Will act as Dynamic DNS update client - Built in support for non-static WAN IP addresses
- LEDs indicate which input is active - When IR activity is detected on one input all other inputs are momentarily blanked to ensure the signal remains pure and is cleanly transmitted. (the LEDs may be disabled if required)
- Expansion module sockets for inputs and outputs - Allows an additional 4 input or output module to be connected via CAT5 cable at a distance of up to 50m

Code IRCM **£169.99**

DemoControl

The app gives you a graphical front end with which to access the 128 stored IR codes within the memory locations of a KIRA128, IRCM or KIRARS232. The codes are assigned to three devices (Display, Set-top box & DVD) and the app can be used on iPhone or iPad. The app is available on iTunes for free (search "DemoControl").



Available at **iTunes**

A FREE app now available for the iPod and iPad from the iTunes store

http://www.demopad.com/democontrollite.html

There is also a full professional version of the program available directly from DemoPad (www.demopad.com) that allows you to build custom screens and control a virtually limitless amount of devices.

Powermid XL remote extender

The Powermid remote extender system allows remote control of IR operated equipment from anywhere in the house.

Comprises one relay unit, one base unit, 2 power supplies and full instructions.

Works with any IR remote control, Simply aim your remote at the relay unit, which converts the IR signal to a UHF signal and transmits it to the base unit. There, the signal is converted back to IR and operates your equipment just as if you were in the room.

Quick and easy to install, and ultra reliable.

Code PMID **£23.36**

Additional receiver for Powermid system (receives signal from PMID transmitter and gives out IR).

Code PMIDR **£18.99**

Additional transmitter for Powermid system (receives IR from your remote and transmits it to the PMID receiver). Frequency is 433MHz for current models (see note below).

Code PMIDT **£18.99**

Note on Powermid frequencies: Current model Powermids use the 433MHz frequency whereas earlier models used 418MHz. There should be a sticker on the base of the unit to tell you which you have. 433MHz transmitters cannot be used with the 418MHz base unit.

IR Over RF Aerial Cable

If you've used RF aerial cable to run signals to another TV in the house you can use the same cable for IR control. The Keene RF2IR product allows IR control signals to be distributed via conventional aerial coax cable. The IR receiver is the same as that used by the common "sky-eye" type systems although it is not limited to satellite receivers and may be used with almost all IR controllable AV equipment. It allows easy IR control from any remote TV that is connected by aerial cable to the source equipment.

To use simply connect the "eye" receiver in-line with the TV aerial on the remote TV and the RF2IR in-line with the aerial at the source. IR signals picked up by the eye receiver will be relayed along the aerial cable, decoded by the RF2IR and output to an emitter wand to control the source equipment. The output from the RF2IR can also be fed into an IR distribution amplifier such as the IRBKIT to control multiple items inside a cabinet.

Very effective where wireless RF type solutions don't have enough range or in cases where you want to keep any extra 'black boxes' to a minimum.

Other options are available: RF2IRL – If you already own an IRBKIT distribution system you could save a little and share the power supply. If you would like an IRBKIT distribution system as well, you can also save some money by buying the two together.

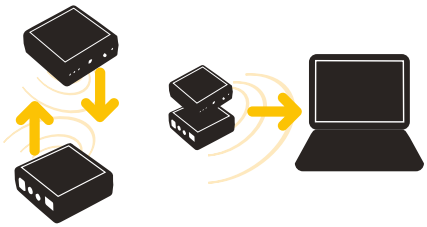
Code RF2IR		**£44.99**
Code RF2IRL		**£39.99**
Code RF2KIT	with IRBKIT distribution system	**£69.99**

IR over IP – IR Anywhere

The IR Anywhere products are capable of sending and receiving IR signals across an IP network; either a LAN or even around the world via the internet. If your home or office is already cabled for LAN you can easily add room to room IR control with this system, and several customers are using this technology to control and adjust AV installations in other countries! The modules will receive an IR command, convert it to packet data and send that data to a predetermined IP address (usually another IR Anywhere module). The receiving module will then decode the data and re-transmit the IR as originally received. The IR Anywhere modules all have their own internal web page and can be software configured to receive or transmit as required. The modules have a built in standard (36 ~ 40 Khz) IR receiver, and the IR inputs and outputs are fully compatible with the existing Keene IR Distribution range so other styles of receivers and emitter wands can easily be incorporated.

The output can also be connected to an IRBKIT if required.

- Control IR equipment via local network or anywhere in the world via internet
- Can be combined with IR distribution system for large installations
- One-to-one or many-to-one control
- Built in Dynamic DNS support
- DHCP plug and play for LAN



If you want your AV equipment out of sight but under control you need a Keene IR Distribution system.

Code KIRA	pair of modules	**£108.00**
Code KIRAM	single module	**£59.99**

Adaptors for the IR Distribution Amplifiers

Useful adaptors for the IRBKIT, Cat5Blasters & IR Commander Matrix.

3.5mm Stereo Jack to Phono Plug
3.5mm stereo jack plug to a single phono plug wired middle of phono to tip of jack and ground to ground (making the jack mono) for connecting IR receivers & wands to the C5B system.

Code KLD81 length 1m **£3.99**

IR Link Cable (3.5mm - 3.5mm Tip & Ring Only)
This cable allows you to take the IR wand output from products such as the the CAT5 AV Distribution Amplifier or CAT5QC Active and feed it directly into the IR receiver input on the IRBKIT or IR Commander.

Code KLDE6M length 1.5m **£5.99**

3.5mm Plug To CAT5 Socket
A short (25cm) line adaptor with an RJ45 line socket to a 3.5mm stereo jack plug. Supplied in pairs, for use with the Keene IRCM and IRBKIT, allowing wands and receivers to be easily extended using standard CAT5 cables.

Code KA175 per pair **£5.99**

3.5mm stereo plug to plug to stereo socket extension
For extending the IR wand & receiver cables (normally 1.2m).

Code KLD40	length 3.0m	**£4.49**
Code KLD405	length 5.0m	**£4.99**
Code KLD4010	length 10.0m	**£8.99**

HDBaseT HDMI Distribution

The Aavara PE3D4K100A is a fantastic tool for sending HDMI over long distances. Using just a single wire it can be easily retrofitted within an existing network. HDBaseT technology allows this system to send HDMI further and at higher quality than all other conventional HDMI over CAT5 solutions. With no compression and no loss of quality you can get crystal clear 3D 1080p with 7.1 channel audio, and also have IR control, RS232 and extend your 100Mbps LAN all over the one cable!

Over one single run of CAT5 cable you can:

- send uncompressed full HD 3D HDMI with 7.1ch audio
- remotely power the receiver
- IR control the source from the receiver
- RS232 control the source from the receiver
- use the 3 port hub in the sender & receiver to extend your LAN

It also fully supports HDMI v1.4, allowing smooth 3D video transmission from 3D Blu-ray players to 3DTVs, with fully HDCP compliance. Built-in 3 x 100Mbps Fast Ethernet RJ-45 ports at both sender and receiver allow Internet connected withTV, Video device and PC, keeps link with Internet.

Code PE3D4K100A **£574.18**

PUMA HDMI V1.4 O Ver Single CAT6 HDBaseT Lite Kit

The PU-513L allows uncompressed HDMI, IR and RS-232 signals to be transmitted over a Single CAT5e/6 cable to distances of up to 60m.

- HDMI 1.4 with 3D, 4K×2K support, HDCP and DVI compliant
- Supports HDMI 1.4 (including HDCP) over a single CAT5e/6 up to 60m
- Complies with HDBaseT™- Lite specifications
- Full HD resolution support (1080p@60Hz/36-bit), 3D over 60m, 4Kx2K over 40m and PC resolution support (VGA to WUXGA) over CAT5e/6 cable
- HDMI input up to 15m with 8-bit deep colour, or 10m with 12-bit deep colour
- Supports HDMI output up to 15m with 8/12-bit deep colour
- Supports IR and RS-232 Control
- Supports High Definition LPCM 7.1CH, Dolby TrueHD, Dolby Digital Plus and DTS-HD Master Audio transmission

Code PU513L **£244.22**

IRPRO4

The unit is very flexible, allowing for a number of configurations that will solve most IR control problems.

- Four BestSelect IR Receiver inputs
- Direct cabled input that can be used with other manufacturers IR Blaster outputs
- Four IR Emitter outputs for use with any Keene IR emitters
- USB power option

IRPRO4 SYSTEM

The Pro4 IR Distribution amplifier has some powerful features for demanding installations. It has four IR Receiver inputs, and uniquely all four receivers can be located in the same room if needed. Normally multiple IR receivers will cause timing issues and poor performance but the Pro4 has "BestSelect" technology which automatically locks on to the strongest IR signal and shuts down the other inputs within a fraction of a second, only releasing them again when the code sequence is complete. It also features a direct cable input to redistribute other manufacturers IR Blaster outputs and it can drive up to four dual power IR emitter outputs. The flexible design allows for a number of configurations that will solve most IR control problems.

IRPRO4 BASIC

IRPKIT4 is the basic kit containing the IRPKIT4 Distribution amplifier, USB Power Cable and a UK mains adaptor.

Code IRPKIT4 **£61.74**

IRPRO4 STANDARD

IRPKIT4S2 Is the Basic kit plus a Standard IR receiver and two universal IR emitter wands.

Code IRPKIT4S2 **£87.01**

IRPRO4 FASCIA

IRPKIT4F2 is the Basic kit plus a Fascia Mount IR receiver and two universal IR emitter wands.

Code IRPKIT4F2 **£87.50**

IRPRO4 PANEL

IRPKIT4B2 Is the Basic kit plus a Panel Mount IR receiver (black) and two universal IR emitter wands.

Code IRPKIT4B2 **£99.17**

IRBKIT MINI

The Keene IRBKIT MINI is a very compact IR Distribution Amplifier. It allows you to use your remote control on equipment located in positions where your remote wouldn't normally work. For example, equipment placed inside cabinets with closing doors or located on shelves behind you or around a corner. Because of the compact size and light weight the IRBKIT mini can also be attached to the rear of a wall mounted display, ideal for use with items such as Apple TV®. It also features an electronically isolated "Direct" input, allowing direct connection to the IR Blaster output from any other manufacturers products, very useful with CAT5 Extenders where the single Blaster output cannot control all of the source equipment.

The unit is very flexible, allowing for a number of configurations that will solve most IR control problems.

- USB Power Connection
- Compact Size (60x35x20mm)
- Dual IR Outputs
- Standard IR Receiver Input
- Direct Universal IR Input

IRBKITM FASCIA

IRBKIT Mini supplied with a Fascia mount receiver and a single emitter. This is designed to allow IR control of devices out of sight behind the display or cabinet. An additional IR emitter may be added later if required. Supplied complete with a mains to USB power supply.

Code IRBKITMF **£65.17**

Also available without the mains to USB power supply. Choose this option if you have have a nearby spare USB port that can provide power.

Code IRBKITMFC **£58.19**

Fascia

Direct

IRBKITM DIRECT

IRBKIT Mini supplied with 2 x IRDW Dual Blinking Wands (four emitters) and a direct input cable (no receiver). This is designed to re-distribute the IR Blaster output from another device, eg HDMI extender. Supplied complete with a mains to USB power supply.

Code IRBKITMD **£63.71**

Also available without the mains to USB power supply. Choose this option if you have have a nearby spare USB port that can provide power.

Code IRBKITMC **£54.41**

Digital Audio over CAT6

The PU-304-KIT is designed to send digital audio signals over 150m. This device supports both Coaxial and Optical signals and can transmit these signals up to 150m. The PU-304-KIT can be powered using a USB cable or the supplied PSU adaptor for added flexibility in a compact design. Digital SPDIF signals are supported up to a sample rate of 96Khz, and support for Stereo and Multichannel digital audio (LPCM, DTS, Dolby Digital, Dolby Digital Plus), also provided.

Features

- Supports Coaxial or Optical digital audio SPDIF signals
- Supports Stereo and Multichannel digital audio (LPCM, DTS, Dolby Digital, Dolby Digital Plus)
- Supports sample rate up to 96kHz
- Dual transmission 1 x Coaxial and 1 x Optical
- Signals can be extended over single CAT5e/CAT6 up to 150m
- Power 5V/1A, DC (US/EU standards, CE/FCC/UL certified)
- Dimension: PU-304RX) 55mm (W) x 85mm (D) x 22mm (H) (PU-304TX) 55mm (W) x 85mm (D) x 22mm (H)

Code PU304 **£113.58**

Coosis HDMI Distribution Amplifiers

The Coosis HDMI Distribution amplifiers are compact devices that gives multiple simultaneous HDMI outputs from one HDMI input, ideal for viewing on multiple displays. The Coosis units can also be cascaded together in a "pyramid" network to provide a one-to-many solution.

**please note: If the max resolutions of your displays are different, the EDID functionality will detect all the connected displays' EDID information and auto-match the output resolution to the lower one. For example, if one display supports 720P resolution and the rests support 1080P, the signal will be lowered to 720p for all displays. The quality of an HDMI cable has a great impact on signal transmission. For best image quality, we suggest you use a copper based HDMI cable of maximum 10m length.*

Code HDC12	1:2 output	**£34.99**
Code HDC14	1:4 output	**£74.99**
Code HDC18	1:8 output	**£114.99**

HDEX344

This product makes a very affordable method of sending HDMI over long distances whilst preserving the full HD capability. The transmitter converts the HDMI signal into a balanced differential signal and the receiver converts it back into a conventional HDMI signal again. This latest model uses a single run of CAT5E cable and allows for full auto-adjustment of feedback and equalisation with no user-intervention required.

Long HDMI cables are expensive and unwieldy, whereas CAT5E cable is cheap and flexible making it much more suitable for long distance runs. This pair of units can send HDMI at full 1080p up to 50m and can also be used for DVI-D signals with a suitable adaptor such as the KA169

Code HDEX344	(Power required at both transmitter and receiver ends)	**£99.99**

HDMI v1.4 3D Over CAT5

New from Aavara, this is one the newly released Professional series of HDMI Cat5 3D Extenders. The PE121L is fully HDMI v1.4 spec compliant, featuring 3D, IR, Audio Return Channel and HDMI Ethernet Channel Pass-Thru, all via twin CAT5E cable. Fully compatible with Blu-Ray 3D and featuring IR pass-through this is a great problem solver and it's compact size makes it very unobtrusive.

Features:

- Uncompressed 1080p HDMI Video/Audio over Cat5e/6/7
- Local HDMI output on Sender unit
- Full range IR Pass-Thru allows Remote control video source device from Receiver side
- CEC Pass-thru allows one remote control to sync TV and AV devices
- Support HDMI v.14 3D video format Blu-Ray player and 3D TV
- Support HDMI v1.4 Audio Return Channel Pass-Thru
- Support v1.4 HDMI Ethernet Channel
- Hassle free, plug n play

There is a sister product to this the PE121A which does not have the HDMI pass-through on the sender for local viewing.

Specification:

- HDMI Spec: v1.4 Compliant
- DVI Spec: v1.0 Compliant
- HDCP Spec: v1.2 Compliant
- Video Format: Up to 1080p 3D Uncompressed Video
- Audio Format: Up to 7.1 Channel, DTS HD Master Audio/Dolby TrueHD
- HDMI Source Input Port: 1 Port
- HDMI Display Output Port: 1 Port
- LINK Connector: RJ-45 Shielded x2
- Audio Return Channel: Pass-Thru Supported
- HDMI Ethernet Channel: Pass-Thru Supported
- Power Consumption: 3W
- Video Bandwidth: 225MHz
- Single Link Range: 480i, 480p, 576i, 576p, 720p, 1080i, 1080p
- Cat5e Cable Length: 50M in 1080p
- Power Adapter: 5VDC
- Dimensions: 83x71x27mm (WxDxH)

Code PE121L	(With local pass-through)	**£154.99**
Code PE121A	(Without local pass-through)	**£139.99**

Keene Electronics Wideband Through Modulator

The Keene wideband modulator enables a camcorder, security camera, DVD, VCR or any other device with AV (audio video) output to be connected to the aerial socket of a TV. It can be left permanently connected and used to distribute signals to other TV's via the RF aerial cable. The AV signal can be positioned on any vacant RF channel between 21 and 69. This means, for example, that the signal from a security camera could be introduced into the aerial lead and viewed in the same way, and as easily, as any normal broadcast signal. There is a seven segment LED display for clear channel indication, together with a last channel memory in the event of a power failure.

Supplied complete with UK mains adaptor

BULK PRICING (50+) and OEM AVAILABLE on this product

Specifications:

- Power: 12vDC 150mA
- Modulation level: Factory set for 75%.
- Composite video plus audio input
- Scart input (can be used as buffered loop through output)
- RF Channel: (PLL) channel 21-69
- Compact size (120mm x 85mm x 30mm)
- Weight: 150g

Code KRFTW **£29.99**

HDMI over CAT5

These products makes a very affordable method of sending HDMI over long distances whilst preserving the full HD capability. The transmitter converts the HDMI signal into a balanced differential signal and the receiver converts it back into a conventional HDMI signal again. It uses two runs of CAT5E (or CAT6) cable and allows for full auto-adjustment of feedback and equalisation with no user-intervention required.

Long HDMI cables are expensive and unwieldy, whereas CAT5E cable is cheap and flexible making it much more suitable for long distance runs. The HDMIC50 can send HDMI at full 1080p up to 50m (up to 100m at 480p!) They can also be used for DVI-D signals with a suitable adaptor such as the KA169

The HDMIC530 is rated at 1080p at 30m & 480p at 60m

Specifications:

- Input Video Signal: 0.5 -1.0 volts p-p
- Input DDC Signal: 5 volts p-p (TTL)
- Maximum Single Link Range: 1920X1200, 1080p
- Output Video: HDMI 1.3
- Video format supported: DTV/HDTV 1080p/1080i/720P/576P/480P/576i/480i
- Size: 45 x 25 x 81mm
- Power Consumption: 5W (max.)
- Operating Temperature: 0 to +70 C
- External Power Supply: 5V DC@2A
- HDMI V1.3 compliant

Code HDMIC530		**£39.99**
Code HDMIC550		**£59.99**

Also available **MEG61 £99.99** HDMI 1080p at 60m over 2 x CAT5 complete with IR feedback

VGA to HDMI

The Coosis VGA to HDMI Portable convertor is designed to be extremely compact in size and ideal for home and office use or life on the move. Users can plug this converter into their desktop, laptop or any device with a VGA output (must be an RGBHV type signal, not component or YUV!) and convert easily to HDMI. Great for watching PC and laptop signals on your big screen TV, or getting your presentation on to the office projector. The best thing is that resolutions of less than 1920 x 1200 @ 60Hz don't need any extra power although a USB power cable is included should you wish to use 1920 x 1200 @ 60Hz. An analogue audio input is included as a 3.5mm stereo socket and this is then output in the HDMI signal to the display.

** Please be aware that this is only a signal convertor and not a scaler. The ouput resolution with be the same as the input resolution and will not increase the picture quality.*

Code VGAHDMIP **£49.99**

HDMI Distribution Amplifiers

Each product in the Quantum Distribution Amp Series is compatible to V1.3 specifications. Besides splitting and distributing, this HDMI V1.3 Distribution Amplifier also does signal amplification and equalization, so as to provide high performance or both audio and video.

Features:

- Compliant with HDMI 1.3, HDCP 1.1 and DVII.0 standards
- Supports a wide range of PC and HDTV resolutions from VGA to UXGA and 480i to 1080p
- HDCP keysets allow each output to work independently when connecting to a HDMI display. HDMI cable distance test with 1080p resolution at 30 metres for both video and 5.1 audio when using quality cables
- HDCP Compliant
- Supports DVI source and DVI display by using DVI to/from HDMI adaptor/cable

Code QU12S	1 input to 2 outputs	**£145.64**
Code QU14S	1 input to 4 outputs	**£263.91**
Code QU18S	1 input to 8 outputs	**£409.07**

HDMI Switchboxes Value Range

Compact low cost HDMI switchboxes offering excellent value for money. Auto source selection (plus IR for SW103)

- Easily switch between HDMI sources
- Full HD 1080p supported
- Compatible with HDMI 1.3b & HDCP

Note – not suitable for DVI devices (no control signal for auto switching)

Code SW102	two inputs to one output	**£24.99**
Code SW103	three inputs to one output	**£29.99**

HDMI 1:2 Distribution

The Coosis 2 way HDMI Distribution amplifier is a compact device that gives two simultaneous HDMI outputs from one HDMI input, ideal for viewing on multiple displays. The Coosis units can also be cascaded together in a "pyramid" network to provide a one-to-many solution.

Please note: If the max resolutions of your displays are different, the EDID functionality will detect all the connected displays' EDID nformation and auto-match the output resolution to the lower one. For example, if one display supports 720P resolution and the rests support 1080P, the signal will be lowered to 720p for all displays.

The quality of an HDMI cable has a great impact on signal transmission. For best image quality, we suggest you use a copper based HDMI cable.

Max. recommended cable length after amplifier: 10 metres

Package contents:

1 X Coosis 2 way HDMI Distribution amplifier
1 X Power Supply (+5V DC, 1A)
1 X User Manual

Code HDC12 **£34.99**

HDMI to Composite & S-Video Down Convertor

VS-226 HDMI to CV/SV/Stereo Down Converter converts digital HDMI signals (or a DVI input signal with S/PDIF coaxial audio) to NTSC or PAL analogue video signals and also provides a L/R stereo audio output. Besides S-Video and Composite Video outputs, it provides a re-clocked HDMI signal which delivers a jitter free bypassed output of the original HDMI signal. In addition, either a bitstream derived HDMI audio signal or a coaxial input signal is processed and provided to an external audio amplifier via a coaxial S/PDIF digital audio connector. The VS-226 provides a convenient way for the user to watch a high definition television program while also recording it in standard resolution via a DVR or VCR.

Features and Specifications:

- Automatic Signal Conversion
- HDMI 1.2, HDCP1.1 and DVI1.0 compliant
- HDMI or DVI HDTV Signals from 480p to 1080p
- Jitter corrected, Re-Clocked HDMI Bypass signal
- HDMI or DVI HDTV to NTSC or PAL Conversion
- Converts HDMI Bitstream audio to S/PDIF Audio
- Provides analog L/R Stereo Audio Output
- Converts PC signals to UXGA/60Hz to NTSC/PAL

**** Important! Please be aware that this unit will not output composite video, s-video or stereo audio from an HDCP protected source. A source such as a Blu-ray or SkyHD usually uses HDCP and so only the HDMI loop-through and digital audio ouput will be active. If you would like any guidance with this please don't hesitate to contact us.*

Code VS226 **£181.71**

Aavara High Definition HDMI Cables

These are top specification Hi-Definition AV Cables fully supporting all of the latest HDMI specifications, including: 3D, 4K, ARC (Audio Return Channel), HEC (HDMI Ethernet Channel). The construction features pure gold 24K plated end shell and connector with a protective braided cable sheath.

Specifications:

- Works with PS3, XBOX, Blu-Ray/HD/DVD player, Set Top Box
- 1.2Gbps Ultra Wide bandwidth enable brilliant 1080p HD content and 8 channel Audio
- Exclusively Superior Diamond cutting design and stylish yellow webbing lines
- HDMI to DVI interoperability allows easy interconnectivity
- Support Dolby True HD and DTS-HD Master Audio Transmission
- Support x.v. Colour Wide Gamut and 16bit Deep Colour Video Transmission

Code HDAV05	0.5m version	£14.99
Code HDAV1	1m version	£17.99
Code HDAV2	2m version	£19.99
Code HDAV3	3m version	£24.99

Aavara Hi-Definition Pro Install HDMI Cables

These are top specification Hi-Definition AV Cables designed for Professional and Commercial installations. Designed to end the uncertainty and erratic behaviour you may have experienced from some of the other longer length cables on the market, these deliver reliable results. The construction features a heavy duty metal-moulded connector housing with high density triple layer shielding to guard against electromagnetic interference, high-level OFC copper wire with 340MHz (10.2Gps) ultra-wide bandwidth for 1080p 3D video format and 7.1 channel audio. Protective braided outer cable sheath.

Specifications:

- HDMI™ 1.4v high speed Cable supporting 3D, 4K, ARC (Audio Return Channel)
- 24K Gold-plated connector for anti-corrosive and distortion-free

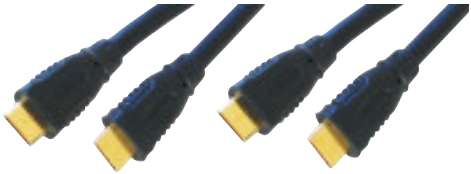
Code HDPROAV5	5m	£39.99
Code HDPROAV10	10m	£59.99
Code HDPROAV15	15m	£89.99
Code HDPROAV20	20m	£119.99

HDMI Cables Mini Connector

Cables with the mini "C" type connector commonly used on camcorders and other portable AV devices.

Specifications:

- Fully wired 19pin connectors
- HDCP compliant
- High Speed rated
- Up to 1080p resolutions



HDMI plug to HDMI mini plug

Code HDHDM2	length 2.0m	£9.99
Code HDHDM3	length 3.0m	£12.99

HDMI mini plug to HDMI mini plug

Code HDMHDM2	length 2.0m	£9.99
Code HDMHDM3	length 3.0m	£12.99

HDMI CABLES
High Speed with Ethernet

V1.4 cables with High Speed 1080p support plus ethernet capability.

Code HDHD141	length 1m	**£4.99**
Code HDHD1418	length 1.8m	**£11.99**
Code HDHD143	length 3.0m	**£14.99**
Code HDHD145	length 5.0m	**£17.99**
Code HDHD1410	length 10.0m	**£34.99**

HDMI Extension Cables

HDMI PLUG to HDMI socket extension cable High speed.

Code HDHDE2	length 2.0m	**£9.99**
Code HDHDE3	length 3.0m	**£11.99**
Code HDHDE5	length 5.0m	**£14.99**
Code HDHDE10	length 10.0m	**£24.99**

HDMI Adaptors

Code KA191	90 Degree HDMI PLug to HDMI socket	**£7.99**
Code KA191L	270 Degree HDMI PLug to HDMI socket	**£7.99**
Code KA191F	90 Degree Flat HDMI PLug to HDMI socket	**£6.99**

Coosis Python HDMI Cables

The Coosis Python series of HDMI cables are ultimate High-Speed with Ethernet cables (Cat 2) for HD signal transmission. Upto 15.8G bandwidth permits a lossless transmision of uncompressed 4K × 2K high definition pictures with maximum 48bit/px colour depth. It also integrates an HDMI Ethernet Channel (HEC), which allows for a 100 Mbit/s Ethernet connection between the two HDMI connected devices so they can share an Internet connection. Additional Audio Return Channel enables a TV, via a single HDMI cable, to send audio data "upstream" to an A/V receiver or surround sound system, increasing user flexibility and eliminating the need for any separate S/PDIF audio connection. Each cable is also supplied complete with an HDMI plug to socket 180 degree swivel adaptor, allowing it to be used even in very tight spaces.

PFG4	FLAT GOLD 1.22M	£19.99
PFG8	FLAT GOLD 2.44M	£23.99
PFG16	FLAT GOLD 4.88M	£40.99
PFG25	FLAT GOLD 7.62M	£51.99
PFG35	FLAT GOLD 10.67M	£58.99
PFG40	FLAT GOLD 12.2M	£70.99
PFG50	FLAT GOLD 15.2M	£79.99
PFS4	FLAT SILVER 1.22M	£19.99
PFS8	FLAT SILVER 2.44M	£23.99
PFS16	FLAT SILVER 4.88M	£40.99
PFS25	FLAT SILVER 7.62M	£51.99
PFS35	FLAT SILVER 10.67	£58.99
PFS40	FLAT SILVER 12.2M	£70.99
PFS50	FLAT SILVER 15.2M	£79.99

PRG4	ROUND GOLD 1.22M	£18.99
PRG8	ROUND GOLD 2.44M	£22.99
PRG16	ROUND GOLD 4.88M	£38.99
PRG25	ROUND GOLD 7.62M	£48.99
PRG35	ROUND GOLD 10.67M	£56.99
PRG40	ROUND GOLD 12.2M	£67.99
PRG50	ROUND GOLD 15.2M	£76.99
PRS4	ROUND SILVER 1.22M	£18.99
PRS8	ROUND SILVER 2.44M	£22.99
PRS16	ROUND SILVER 4.88M	£38.99
PRS25	ROUND SILVER 7.62M	£48.99
PRS35	ROUND SILVER 10.67M	£56.99
PRS40	ROUND SILVER 12.2M	£67.99
PRS50	ROUND SILVER 15.2M	£76.99

HDMI 3 X 2 Switcher Splitter Value Range

The HDMI Amplifier Switch Splitter is an HDMI splitter with the ability to switch between 3 inputs to display to 2 outputs. It distributes the input into the two identical outputs simultaneously. Each output can achieve a long distance transmission of a HDMI signal of up to 15 metres. Two or more products may be cascaded to achieve a larger distribution and longer length. Operation is by front push button control or by (supplied) IR remote.

Features:

- Switch easily between any three HDMI sources to two displays
- Support HDMI1.3b
- Support highest video resolution 1080p
- Support 225MHz/2.25Gbps per channel (7.5Gbps all channel) bandwidth
- Support 12bit per channel (36bit all channel) deep colour
- Support HDCP

Note - Devices with DVI output are not supported due to the lack of signal control.

Code HDMI32S **£49.99**

HDMI V1.3 Matrix Switch

This is a true HDMI Matrix switchbox that routes any of the four HDMI inputs to either or both of the two outputs. Input routing by front panel push button or IR remote control with LED confirmation. Any four to any two matrix switching allows for maximum versatility for integrated systems. Superb value for money

Features:

- Switch easily between any four HDMI sources
- Distributes any of the four inputs to any or any combination of the two HDMI output displays
- Support HDMI 1.3b
- Support highest video resolution 1080p. • Support 225MHz/2.25Gbps per channel (6.75Gbps all channel) bandwidth. • Support 12bit per channel (36bit all channel) deep colour.
- Support HDCP
- External 5V DC@2A Power Supply (included)

Code HD42M		**£84.99**
Code HD44M	4x4 Matrix	**£299.99**

4X1 COMPOSITE OR S-VIDEO & AUDIO SWITCH

MX-3141 series 4x1 Routing Switchers are extremely wide bandwidth, high performance products that meet the most demanding requirements for signal routing. Video as well as Audio are routed. Video Bandwidth is flat +/- 3db to beyond 300MHz insuring these switchers will provide an output identical to the source signals.

The MX3141CSVA> switches NTSC or PAL Composite or S-Video plus Stereo Analog Audio. This unit featureS RS-232 control capability and are shipped with an IR remote control, a rack mount kit plus an AC power adapter

Features and Specifications:

- Professional Grade, High Performance Switcher
- Video Bandwidth: Greater than 300MHz
- NTSC and PAL Television Standards
- Inputs: 4x composite video on RCA, S-Video on mini 4 pin din and Stereo Audio on RCA
- Output: 1 x composite video on RCA, S-Video on mini 4 pin din and Stereo Audio on RCA
- Push Button and IR Inputs Selection
- Rugged Metal Case
- Locking DC Power Connector for Security

Code MX3141CSVA **£66.00**

Seagull LCD Viewfinder for DSLR HD Video

The DSLR LCD Viewfinder is a great accessory for anyone using a DSLR to shoot video. It solves the 3 major problems:

1. The necessity to view images continuously on the LCD screen which, in turn, effects stability and thus focus where the camera has to be handheld away from the body.
2. The inability to actually 'see' any image on that same screen when working in any bright lighting conditions.
3. Trying to ascertain the depth-of-field, even if you can discern that image.

The DSLR-LCD Viewfinder solves these problems by providing a finder that gives you a nice, large 3-inch LCD image to work with, and then adds a 3x magnification for extra clarity. What's more, it features quality optics consisting of three elements arranged in 3 groups.

Clipping onto the rear of your DSLR finder it provides the perfect environment for comfortable viewing incorporating, as it does, a soft motion-picture type moulded eyecup to block out extraneous light - thus letting you view a perfect image. It also offers an excellent range of continuous dioptre variations between + 4 and -4 to accommodate glass wearers. The combination of these features allows you to bring the camera in close to your body for increased stability and secure viewing and filming.

The SEAGULL DSLR-LCD FINDER is an essential tool for any serious film maker. Without it, that grouping of a small LCD screen, manual focus, razor thin shallow depth-of-field, camera shake, sunlight and glare makes shooting a video an hit-and miss affair.....with it, the control is all yours! **Specifications:**

- LEDs: 105
- Batteries: 4 x AA (not included) via battery holder, or Sony fit NP-550 type Li-ion battery (not included)
- Illuminance: 1050 Lux
- Light duration: 2.5 hr (approx. based on a new set of good quality alkaline AA batteries)
- Light source: 6.5 W
- Weight: 295 g

Code LCDVF **£79.95**

Seagull LED Light Ring and Flash unit

New from Seagull, a compact and nicely made LED light ring with flash function. The power pack and control unit fits onto the hot-shoe on top of your DSLR whilst the LED light ring is mounted around the lens via an adaptor ring screwed direct into the camera's filter thread.

The control unit has a three position slider switch on the back for off, light (only) on, and light plus flash on. The brightness is controllable via a rotating wheel and so you can tailor your light output to your situation. The flash function is four times brighter than the output of the constant light to give you plenty of oomph for the shot. There is also a test button so you can experiment before shooting begins.

It comes complete with six adaptor rings to fit it to 52, 55, 58, 62, 67 and 72mm camera threads, and it can be adapted easily to other sizes by using additional stepping rings (please just give us a call as we can supply most sizes from stock at reasonable prices).

Specifications:
LED light: Power output 5w
Colour temperature: 5800k
Brightness: 480 lumens
Flash Index: 8.5ft. (ISO100, 1/60s)
Powered by 4pcs. AA batteries (not included)

Code MRC80 **£87.99**

Black Widow Spider

Spider Holster for lightweight DSLRs and point-and-shoot cameras.

- No more dangling cameras from your neck and shoulders
- Both hands and upper body free
- Securely locks your camera in each time it's placed into the holster
- Works with your tripod quick-release plate
- Use with your belt or the special Black Widow Belt (optional)

Code BWS **£39.99**

Black Widow Belt

Don't get us wrong, the Spider Holster Black Widow is designed to be very comfortable when worn on your own belt. But our adjustable belt will make your camera feel like a feather so you can stay comfortably holstered all day long. One size fits most, adjustable from 23 - 48 inches.

Code BWB **£19.99**

Got two cameras?

The Spider Holster Black Widow includes one Pin, but you may purchase an extra Pin for your second camera, video camera or any device with a tripod mount.

Code BWPIN **£6.99**

Spider Pro Single Camera System

Shoot from the hip. The SpiderPro single camera system contains everything that you need to carry one camera, including SpiderPro Belt, SpiderPro Holster which securely attaches to the Belt, SpiderPro Plate which easily attaches directly to your camera's tripod mount, and a SpiderPin which attaches to the Plate and slides into the Holster to give your camera freedom of movement at your hip.

- Stainless steel and hardened aluminium, durable for active shooting situations
- Secure with a two-position lock

Code SPSCS **£109.94**

Spider Pro Dual Camera System

The SpiderPro Dual Camera System extends our already-popular 1-Camera System, giving you a comfortable and secure way to carry two cameras while on the job, or on the go.

Code SPDCS **£189.00**

See www.keene.co.uk for the full range of Spider Holsters & accessories

Seagull LED Lights LED126T

The light head carries 126 super-bright LED bulbs to give plenty of illumination. These are controled by the on-board on / off slider switch and a rotary dimmer gives you control over the amount of light to be used.

Rather than use the traditional choice of AA or AAA batteries, the LED126T uses a Sony type lithium-ion camcorder battery with a hefty 4600mAh capacity (included) to give plenty of shooting time. On a full charge you can expect get somewhere in the region of ? hours on full brightness, and, of course, this is extended if you are using the light dimmed.

Included in the package is a mains charger for the battery pack with a choice of three plug adaptors (UK, Euro, US) so that it can be used in many countries throughout the world.

Two filters are also included with the light, a frossed diffusser, and a yellow 'warm' filter. These simply slot into place on the front.

The LED126T can be either stand or camera mounted and comes complete with a standard sized cold-shoe adaptor with locking thumb wheel (this also has a 1/4" tripod thread in it's base), and a mini-shoe adaptor to enable the light to be used on the Sony / Canon cameras with the smaller sized shoe fitting..

Code LED126T **£99.99**

LED256T

Also available, a 256 LED version.
Light including battery
Weight: 486gms
Dimensions: 29 x 9 x Depth 3 ins.

Code LED256T **£139.99**

D-SLR Shoulder Rig

This is a lightweight compact rig ideal for DSLR's and camcorders. It has a gadget bag friendly size when folded and extends out to provide a variety of different support options.

Features:

- Small (folded) design that you can carry it around easily
- Versatile design for many different shooting styles
- Extendable rear arm
- several threaded holes for mounting monitors, lights & microphones
- All hand grips and joint are rotatable and adjustable
- Non-slip foam hand grips

Specifications:

- Weight: 1.1Kg
- Dimensions: 30 x 17 x 8.5cm (folded)

Code SCSS **£69.00**

Black Magic Intensity Pro

Intensity Pro features the worlds first HDMI and analogue component, NTSC/PAL and S-Video capture and playback on Windows and Mac OS X computers. That's great for HDTV or standard definition editing using big screen televisions and video projectors. Work in uncompressed video and eliminate HDV and DV compression quality problems, or use disk space friendly compressed video if required.

Beyond the Limits of HDV

Working in HDTV is exciting, however HDV's heavy compression and limited 1440 x 1080 resolution can cause promlems with video quality and editing. Intensity Pro eliminates these problems by using direct capture from the camera image sensor at full 1920 x 1080 HDTV resolution and uncompressed video quality.

Both HDMI and Analogue Connections

Intensity Pro enables you to capture directly from the HD cameras CCD, bypassing the video compression chip for true uncompressed video quality. Featuring both HDMI and analogue video connections means Intensity Pro works with a massive range of cameras, televisions and video projectors.

Code BINTSPRO **£154.07**

Black Magic Intensity Extreme

Incredible 10 bit HDMI and Analogue video editing with Thunderbolt™

Intensity Extreme, the world's first 10 bit HD/SD editing solution for to feature lightning fast Thunderbolt™ technology.

The perfect solution for videographers, Intensity Extreme includes SD/HD capture and playback in compressed and uncompressed video quality. Better still, this revolutionary new device is compatible with Final Cut Pro 7™, Adobe Premiere Pro™, Adobe After Effects™, Nuke™, DaVinci Resolve and more.

Machined from a solid piece of aluminum, Intensity Extreme gives you incredible quality HDMI, component video, s-video and composite 10 bit capture and playback. Better still, this super-sleek, high-speed data transfer system offers an incredible 10 Gb/s connection that's up to 20 times faster than USB 2.0 and up to 11.5 times faster than FireWire 800.

Incredible quality HDMI capture and playback!

Intensity lets you capture and playback in the most incredible quality of HDMI and component analogue video in both SD and HD. Smash the quality barrier for your video work because Intensity is not only the highest quality, but also affordable!

Professional Performance

Go beyond the limits of your AVCHD or HDV camera! Simply plug using HDMI or analogue and capture direct from your camera's CCD! You get incredible quality that completely bypasses the camera's video compression. Use Intensity for monitoring from your edit software for maximum real time effects! Intensity connects direct to your editing software's real time effects processing!

Use Popular Video Software

Intensity works with the software you love to use! Use DirectShow™ and QuickTime™ software, or the world's most popular editing software such as Final Cut Pro™ and Premiere Pro™!

Code BINTSTBEXT **£235.85**

RGB to S-Video Convertor

RGB is a great method of sending video, with picture resolution as good as s-video and vastly superior to a std composite signal. The problem is not everything can accept an RGB signal and often composite is your only option. Well, here's another problem solved! This Box converts the RGB scart output from Sky Digital/OnDigital boxes and DVD players into S-video plus audio. Its ideal for making high resolution connections to AV amplifiers, SVHS/DVHS recorders and Plasma screens.

BULK PRICING (50+) and OEM AVAILABLE on this product

Code RGB2S **£69.99**

S-video to Composite Video Bi-directional Convertor

An amazing little gadget with an S-video socket at one end and a composite (phono) socket at the other. Containing a special filter network it works fully bi-directionally. It won't magically increase picture resolution, but it will make life easier when wiring up say an AV amp that supports composite or S-video connections but doesn't allow the use of both simultaneously.

BULK PRICING (50+) and OEM AVAILABLE on this product

Code STOC **£12.99**

RGB Scart & S-VIDEO to HDMI 1080p HD Convertor

This device contains a high quality chipset to convert analogue Scart AV signals (RGB or composite, or s-video and upscale them to a choice of HDMI resolutions, 720p, 1080p, 1680x1050, 1360x768 and a choice of screen modes (16:9, 16:10, expand & subtitle). Control is by front panel or supplied IR remote. Great for connecting legacy equipment to an HDMI switchbox and for simplifying your connections.

Inputs:

SCART - CVBS/y/c (PAL, NTSC), RGB (480i, 576i)
s-video PAL (576i) NTSC (480i)

HDMI Output:

1920 x 1080, 1680 x 1050, 1360 x 768,
1280 x 720 with digital audio

Power: 5v DC 2000mA, UK adaptor supplied

Dimensions: 170 x 110 x 32mm

Code HDUSPRO **£59.99**

Gigavideo 821 Wireless HDMI Sender

At last, a cable free solution for HDMI. The transmitter has two HDMI inputs and includes a local HDMI pass-through output so you can still view the sources locally. Switch between any of the two inputs and watch the output cable free at a distance of up to 30m (clear line of sight, or typically 15m through walls). The signal is uncompressed so the output will stay as true HD up to and including 1080p. Naturally there's built in IR feedback so you can control the source from the viewing area.

Features:

- Replace your HDMI cable wirelessly and locate your HDTV or projector wherever you want
- Mount the receiver (out of sight) behind your HDTV or on the ceiling next to your projector. No more visible cables
- Watch up to 2 (HD) devices such as Blu-ray® players, digital video recorders (DVRs), HD set-top boxes, PS3™ or Xbox® game consoles or standard DVD players/ recorders elsewhere in your home and easily switch between the sources connected without changing plugs
- The built-in HDMI splitter means that you can also connect an HDTV to the Transmitter so that you can continue to watch the connected devices locally
- Operate your A/V sources from anywhere, even through a wall or cupboard door, using the IR receiver
- The HD signal does not experience any delays and is therefore perfect for game consoles
- Digitally supports all 480p, 720p, 1080i and 1080p (Full HD) resolutions from up to 30 metres
- 100% HDCP compliant

Sends the HD signal uncompressed.

**Please note that although this wireless kit is capable of transmitting a full HD signal through walls and ceilings it does greatly reduce the tranmission distance. As a general rule a 'clear line of sight' transmission is easily achieved up to 20 metres, but this can be effected by local sources of interference from mains points, wireless routers etc. (although a little time re-positioning the transmitter and receiver units can usually get around the problem). For transmissions where the signal is passing through a wall or ceiling, please be mindful of the make-up of the wall or ceiling. Naturally a signal will pass much easier through plaster board and dry-walling than it will a steel-reinforced concrete structure or stone walls, and this will effect the signals transmission greatly. It is also worth noting that if you wish to send a signal through more than one wall or ceiling the transmission distance will be reduced further still and careful consideration needs to be given to where the units will by positioned. If you would like any information or advice to assist you please don't hesitate to get in touch and we will do our best to help.*

We can also offer a solution with a shorter trnamission range ideal for 'same room' applications GV811.

NEW LOW PRICE

Code GV821 **£285.00**

BT15

Centre Speaker Wall Mount with Adjustable Arms

Designed for loudspeakers up to 15kg (33lbs)

- Ideal for centre channel speakers, DVD players and other AV equipment
- Allows speaker to be positioned for optimum esoteric performance
- Easy adjustment of arm depth
- Simple installation with all mounting hardware included

Specifications

- Maximum Weight: 15kg (33lbs)

Code BT15 (black)	**£12.99**
Code BT155 (silver)	**£12.99**

BT77 – Ultragrip Clamping Speaker Mount

The BT77 "Ultragrip Pro" Side-Clamp Loudspeaker Wall Mount is ideal for loudspeakers with curved fronts and suitable for all types of small to medium loudspeakers. The BT77 clamps loudspeakers at the side using "Ultragrip" high friction pads - eliminating the need to screw into the loudspeaker.

- Modern aesthetic design with coverplate - hides fixing screws
- Slim line wall bracket ideal for stud (partition) walls
- Simple adjustment - one 13mm locking nut secures tilt and swivel
- Complete fixings kit for wall mounting included
- Available in Black or Silver
- Speaker Width 135 - 280mm
- Speaker Weight Max 25 Kg
- Tilt 7 (Up or Down)
- Swivel 180 (Left or Right)
- Supplied in pairs

Code BT77	black	**£29.99**
Code BT77S	silver	**£29.99**
Code BT77W	white	**£29.99**

Atlas Loudspeaker Floor Stands

- Designed for loudspeakers up to 50kg (110lbs)
- Sound isolating loudspeaker floor stands
- Fillable columns for superior dampening
- Top and bottom isolation spikes provided
- Supplied in Pairs
- Available in different heights

Specification

- Max. Weight: 50kg (110lbs)
- Top plate dimensions: 190mm (7.5") x 190mm (7.5")
- Base plate dimensions: 240mm (9.5") x 240mm (9.5)
- Max weight of speaker: 50kg (110lbs)

Code BT604	40cm height	**£39.99**
Code BT606	60cm height	**£44.98**
Code BT608	80cm height	**£48.00**

LCD Wall Mount with tilt & swivel

- Designed for screens up to 23" (58cm) / 15kg (33lbs)
- Full motion mount - ideal for corner mounting
- Fits screens with VESA mounting patterns: 75mm x 75mm and 100mm x 100mm
- Easy tilt adjustment +17°/ -10°
- CLIPLOGIC cable management included
- Simple 'hook-on' installation with all mounting hardware included
- Features 3 swivel points: 180° at wall, 360° at central pivot point, 240° at interface
- Screen size: 10" - 23"
- Max Weight: 15kg (33lbs)
- 360° rotation for easy screen levelling and to allow screen to be mounted in landscape or portrait style
- Security locking screws & Allen key provided for secure installation
- Features 'OWLS'™ On Wall Levelling System

Code BT7513B **£27.84**

CDM

CELESTRON DIGITAL MICROSCOPE

Great product for education, discovery, work and fun. This innovative microscope design allows you to view specimens or objects on a computer screen and allows you to take snapshot images or short videos. A rugged, metal stand is included for holding the microscope steady at various positions for viewing and/or imaging.

The microscope is ideally suited for examining objects such as coins, stamps, rocks, relics, insects, plants, gems, circuit boards, various materials, skin, and many other objects. Also, you can examine specimen slides at low and high powers.

Specifications:

- Handheld Digital Microscope Powered by a 2.0 USB Cable
- Digital Camera - built-in 2MP for Snapshot Images and Videos
- Power - 10x to 40x and 150x
- LED Illumination

Code CDM **£45.00**

Digital TV Anywhere

Digital wireless sender for all your Digital TV Channels.

Features:

- Watch digital TV far away from the decoder
- Watch and operate the digital TV channels from your decoder anywhere
- Extra functionality such as Video on Demand, Pay TV, Electronic Programme Guide, Time Shift and Digital Video Recorder (DVR) also remain available and usable
- Place your TV wherever you want, without having to consider the location of the aerial or satellite connection and without laying cables or drilling holes
- Retain original sound and picture quality as a result of digital transmission

Set Contents:

- 1 A/V Transmitter
- 1 A/V Receiver
- 2 Power adapters
- 1 IR Extender cable
- 2 SCART cables
- 2 Stands
- 1 User manual

Code DTVA **£119.99**

How does Digital TV Anywhere work?

The set comprises a transmitter and a receiver. Connect the transmitter to the SCART output on your decoder that is connected to the aerial or satellite connection. Then connect the receiver to the TV. The set sends on the picture, sound and commands from your remote control wirelessly.

Internet Controllable Mains Switch

New from Keene, the IPMSW1 is an IP controllable mains power switch. It has two independent mains outlets that can be controlled in a number of ways.

Features:

- Simple browser button based on / off control.
- Full browser based set-up and timer configuration
- Adjustable power fail re-start options allow each switch to delay up to 255 seconds before switching on. Ideal for remote re-start of systems that require 2 stage start ups
- 3 timer events per switch with daily weekly or monthly repeats
- During each timer event the switch can be set to either on or off.
- Own IP address, so can be controlled via internet using port forwarding.
- Support for DDNS
- Manual override button for each switch
- Optionally use internet time servers to set internal clock
- Internal "Real Time Clock" IC with 5 year battery backup

Code IPMSW1 **£119.99**

Mains Conditioner For Home Cinema And Hi Fi

A useful upgrade for any setup, this is an affordable yet extremely well designed unit that delivers impressive results. This unit contains a powerful Mains Conditioning Filter which will reduce or eliminate mains interference coming through the mains electric supply and help to enhance your sound and picture quality. It also incorporates Surge Protection for complete piece of mind.

Specifications:

- Max Current rating 13A
- Max Surge Protection L-N 6500A, L-E 4500A, N-E 4500A
- Max Voltage Spike Protection 6,000 Volts

Features:

- 2m Screened Mains Lead to prevent RFI

'What Hi-Fi Magazine (Aug 06) gave this a 5 star Award:

"The six-way mains conditioner delivers truly dynamic audio gains. Comparing it's performance to the 'unconditioned' sound, our reference CD/Amp system enjoys greater separation and focus of sound, and greater clarity and confidence in the mid range. Bass is burlier and better integrated, too. In a nutshell? It really does work."

Code CS929 **£29.99**

Power Ethernet Sockets

PE200AV Power Ethernet Sockets embed all the electronics inside a standard wall power socket.. The technology allows the use of the existing mains cables as a way to transmit high speed data and environmental services throughout the building without the cost and disruption of installing additional cabling.

- No rewiring required
- Simple to install by any electrician – simply replace a power socket with an Power Ethernet Socket
- Reduces infrastructure costs by using existing mains cabling throughout the building
- Minimises installation disruption — no need to lift floor panels and replacing a socket is quick and easy
- All Ethernet points automatically mesh together into a secure network without needing a patch panel and Ethernet switch
- Much cheaper to replace existing power sockets with PE Sockets then to add additional structured cables

Code PE200AV	each	**£85.00**
	for two	**£168.00**
	for four	**£328.00**

Scart outlet plates

Scart outlet plate which fits a standard UK single pattress and provides a scart socket. The rear of the sockets have solder type connections.

Code HCP11		£3.99
Code HCP11S	steel finish	£14.99

Scart outlet plate QC

We've enhanced the HCP11 scart wall outlet plate to a "quick-connect" solderless version. This "QC" series plate has handy screw terminals making installation much easier than with conventional solder type connections. The terminal blocks are rising clamp style 6A rated and can accept cable up to 1mm sq.

Code HCP11QC £13.99

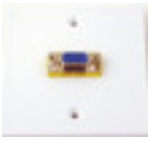
Scart outlet plate QC Steel

The Quick Connect Scart plate is also available in a brushed stainless steel finish.

Code HCP11QCS £22.99

15pin HD outlet plates

Standard size white wall single outlet plate with a 15pin HD female connector. The rear of the plate also has a 15pin female socket making it easy to connect to premade 15pin HD cables.



Code HCP21	white	£9.99
Code HCP21S	brushed steel	£15.99

15 pin QC plate

The HCP21 15 pin HD wall outlet plate is also now available in a "quick-connect" solderless version. This "QC" series plate has both an internal 15 pin HD female socket as well as screw terminals meaning you use pre-made cables or make solderless connections to bare wire ends. The terminal blocks are rising clamp style 6A rated and will accept cables up to 1mm sq.

Code HCP21QC £13.99

15 pin QC plate steel

The HCP21QC is also available in a brushed steel finish.

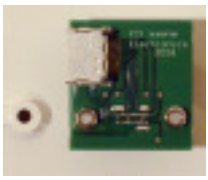
Code HCP21QCS £22.99

HDMI outlet plates

From Keene, a wall plate with an HDMI socket at the front and a PCB mounted rear socket. The rear socket is aligned such that a side entry HDMI cable should pass through one of the side knock-outs in a std metal rear pattresses. Depending on the size of plug used some modification to the pattress may be necessary.

We can supply this item as follows:

Code HCP26	single, white	£29.99
Code HCP26D	double, white	£44.99
Code HCP26S	single, steel	£39.99
Code HCP26SD	double, steel	£54.99
Code HCP26FC	single white with flexible rear connector	£29.99
Code HCP26FS	single flat brushed steel finish	£39.99



Mighty Brighty Projector Screen Paint & Border

Mighty Brighty turns a wall into a projection screen!

Mighty Brighty is a new and unique concept for creating a perfect projection screen right on your wall or any other smooth surface. Just paint it on, sit back and enjoy. An image projected on Mighty Brighty Projection Screen Paint has much better contrast and brightness than that of a plain white wall. It has the same quality as a professional projection screen. On top of that you always have exactly the right screen format for your specific situation. No more struggling to set up a conventional projector screen. No more bulky ceiling or wall fixture. Invisible when you are not using it.

How it works

BaseCoat + ContrastBooster
The foundation of the screen is the BaseCoat, which also determines the contrast level. Based on an easy-to-use checklist you determine the right amount of ContrastBooster to be used. This ContrastBooster sets the grey level of the BaseCoat for the screen area.

Mighty Brighty offers a range from matt white to ultra grey (high contrast). All in the same package.

TopCoat + BrightnessBooster
After applying the BaseCoat, a TopCoat is required. Using the same handy checklist, you determine the amount of BrightnessBooster, which sets the gain value for the TopCoat. Mighty Brighty offers a gain range from 0,9 up to 1,4, depending on the amount of light the projector emits and some other criteria.

MagneBorder
The unique MagneBorder is optionally available. This border greatly heightens the contrast perception of images on the screen. A magnetic paint must be applied prior to the BaseCoat and TopCoat. The magnetic borders can be easily placed and removed from the projection area. When the MagneBorder is removed, all you see is a clear white or light grey wall.

This kit is the MPW 20 Tailor-made Screen & Border Kit for 6 m^2 (64 sq.ft.) of projection screen. The MPW 20 kit includes BaseCoat with ContrastBooster, TopCoat with BrightnessBooster and MagneCoat with MagneBorder. All the required tools are included as well.

Contains:
- 1.4 litre BaseCoat
- 0.1 litre ContrastBooster for BaseCoat
- 0.9 litre TopCoat
- 0.1 litre BrightnessBooster for TopCoat
- 0.4 litre MagneCoat
- 10 metres / 32.8 ft. of MagneBorder (width 5.5cm / 2.2") includes all necessary tools.

(other Mighty Brighty kits and accessories are available – please see keene.co.uk for details.

Code MPW20 Paint & Border Kit **£139.00**

Also available **MPW10** Standard Kit, contains Contains 1 BaseCoat (Light Grey) & 1 TopCoat (Brightness / Gain 1.1) **£69.00**

Remote Control Mains Socket Set

A really easy way to automate your home, use for table lamps, fans, heaters, anything you like really!

The set contains one remote control and three plug in switches. The plug in switches also have a manual on/off button and LED status indication.

- Up to 30m range
- Remote control push buttons and sockets are numbered eg. Button 1 operates socket 1 only
- Manual On/Off switch with LED indicator
- Remote battery (A23A) supplied
- Mains power LED indicator

Specifications:
- Power supply: 230Vac, 50Hz
- Power (max): 13A/2990W
- Dimensions (per plug in module): 46 x 72 x 140mm

Code RCS3	3 way	**£14.99**
Code RCS5	5 way	**£24.99**